Our knowledge of the molecular biology and genetics of peas, particularly in the fields of storage product biology, genetic mapping, transformation, plant development and the rhizobium symbiosis, has increased dramatically in recent years. The pea is also a model plant for research on a number of topics including starch biosynthesis and gene regulation by light. This book contains a number of reviews on progress in various aspects of pea molecular genetics. It places them in perspective for those concerned with the breeding, agronomy and exploitation of peas and will also be of value to those working on other grain legumes. It is also an important volume for research workers and advanced students in many areas of plant sciences, especially plant genetics and biotechnology.